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HAMRE, SCHUMANN,  
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FAX TRANSMISSION August 6, 2007

TO:

Examiner: Unknown  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 10873.1710USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter: 28

PTO FAX NUMBER: 571.273.8300

If all pages are NOT received, please call us at 612.455.3800 or fax us at 612.455.3801.

Title of Document: Supplemental Information Disclosure Statement, Form 1449,  
1 reference, European Search ReportApplicant: MURAKAMI et al.  
Serial No.: 10/551,500  
App. Filed: September 30, 2005  
Group Art No.: 2827  
Conf. No.: 4716

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By: 

Name: Douglas P. Mueller

Reg. No.: 30,300

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Antonette C. Peters

Signature

Date

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**CENTRAL FAX CENTER****AUG 6 - 2007****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: MURAKAMI et al. Conf. No.: 4716  
Serial No.: 10/551,500 Group Art Unit: 2827  
Filed: September 30, 2005 Docket: 10873.1710USWO  
Title: MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY  
CELL MANUFACTURING METHOD, AND MEMORY  
RECORDING/READING METHOD

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the  
U.S. Patent and Trademark Office on

By: \_\_\_\_\_  
Name: Antonette Peters

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are transmitted herewith.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed  
(CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND the requisite Statement is below AND the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

**STATEMENT**

Applicants hereby state that:

- ☐ Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart

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application or by the USPTO in a related application not more than three months prior to the filing date of the Information Disclosure Statement

☐ If this box is checked, Applicant provides the following:

**Certification Under 37 C.F.R. §1.704(d)**

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

**FEE AUTHORIZATION**

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

**53148**

PATENT TRADEMARK OFFICE

HAMRE, SCHUMANN, MUELLER & LARSON,  
P.C.

Post Office Box 2902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: August 6, 2007

By: 

Douglas P. Mueller  
Reg. No. 30,300

DPM:acp

Date Mailed: August 6, 2007

Sheet 1 of 1

|  |                                    |                                   |
|--|------------------------------------|-----------------------------------|
| <b>FORM 1449*</b><br><b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) | Docket Number:<br>10873.1710USWO   | Application Number:<br>10/551,500 |
|  | Applicant: MURAKAMI et al.         |                                   |
|  | Filing Date:<br>September 30, 2005 | Group Art Unit:<br>2827           |

| U.S. PATENT DOCUMENTS |              |      |      |       |          |                               |  |
|-----------------------|--------------|------|------|-------|----------|-------------------------------|--|
| EXAMINER<br>INITIAL   | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |  |
|                       |              |      |      |       |          |                               |  |
|                       |              |      |      |       |          |                               |  |
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| FOREIGN PATENT DOCUMENTS |               |         |         |       |          |             |    |
|--------------------------|---------------|---------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO.  | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |               |         |         |       |          | YES         | NO |
| /C.Y./                   | DE 101 40 606 | 08/2001 | Germany |       |          | Partial     |    |
|                          |               |         |         |       |          |             |    |
|                          |               |         |         |       |          |             |    |
|                          |               |         |         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |
|--|--|--|
| /C.Y./   |  | European Search Report from the corresponding EP 04 72 4761, mailed May 7, 2007. |
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**52835**

Customer Number

|   |               |                 |            |
|---|---------------|-----------------|------------|
| EXAMINER  | /Connie Yoha/ | DATE CONSIDERED | 02/19/2008 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |               |                 |            |

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE